

**Name:** Dr.Bandreddi.Venkata Seshu Kumari  
**Designation:** Associate Professor  
**Department:** Information Technology  
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**Experience (in years): Teaching: 16.11 Research: 10 Others: Nil**  
**AICTE Id :** 1-3363990286



Date of Birth :- 31-08-1981

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2015	CSE
2	M. Tech.	2008	CSE
3	B.Tech	2004	CS&IT

### 2. Teaching and Learning:

#### 2.1 Teaching Interests:

- C & Data Structures,
- Advanced Data Structures,
- Database Management Systems
- Computer Organization
- Software Engineering
- Computer Networks

2.2 Novel Teaching & Learning Techniques adopted: POGIL, WIT&WIL, Think –Pair &Share

### 3. Co-curricular and Extra-Curricular Activities

#### 3.1. Interests and Hobbies:

- To motivate students towards research and serving the nation.
- Listening to music
- Reading books, Focusing on Spirituality

#### 3.2. CCA/ECA Organized:

- Organized Guest Lecture on “Data Structures” at VNRVJIET on 31/03/17
- Handled one week “**Python Programming Course**”(as a Resource Person) for I B.Tech -IT Students at VNRVJIET in the month of JULY-2018
- Handled One week ” **C Programming** “ for III.B.Tech-Mechanical students in the month of December-2018 at VNRVJIET

#### 3.3. CCA/ECA participated:

- Incharge NBA-PG(CN&IS)
- Coordinator -M.Tech(CNIS)
- Incharge -Faculty -Profiles, IT Dept

3.4. Counseling and Mentoring Activity: It is my pleasure to encourage & motivate my students

3.5. Committees involved in:

Department level:-

- Member- M. Tech Project Review Committee
- Involved in Designing Curriculum for UG & PG 2018 Regulation
- Member-BOS,Department of IT

Institute level:-

- Coordinator-PGNBA
- Coordinator-M.Tech(CNIS)
- Member-WIT&WIL-Audit team
- Coordinator-Ancient Wisdom Team

#### **4. Conference / Workshop / Seminar / Guest Lectures:**

##### **4.1 Conducted:-**

- Session chair-Convergence-2019
- Session chair- DATA-21 conference
- Session chair -Convergence-2018
- Conducted a guest lecture on "Data Structures" by Dr.Hema ,Associate Professor,JNTU,Hyderabad
- Organizing Committee member for ICRTEST-2-10,at St.Peters Engineering College
- Conducted Two day national level workshop on "Research methodologies"at St.Peter's Engineering college
- Conducted one day seminar on "Cloud Computing "at SPEC
- Conducted a one day seminar on "Parsing and its Applications" at SPEC on 28-09-2013.
- Conducted a one day seminar on "Linux Programming" on 22 December, 2011.

##### **4.2 Attended:**

- Attended AICTE sponsored STTP on ML&DL techniques for artificial intelligence problems using PythonVNRVJIET,Department of ITfrom 14<sup>th</sup> September 2020 to 18<sup>th</sup> September 2020
- Attended one week FDP on "Artificial Intelligence & Deep Learning "ATAL ,AICTE
- Attended one week work shop on "VNR initiatives"July 6<sup>th</sup> to 11<sup>th</sup> July2020,Dept.of.CSE ,VNRVJIET
- Attended One Week Workshop on " Data Analytics & R –Programming" at VNRVJIET
- Attended a One week Faculty Development Program at St. Peter' s Engineering College from 16<sup>th</sup> May to 21<sup>st</sup> May-2016.
- Attended a TEQUIP-II sponsored one day work shop on "Emerging Trends in Cloud Computing" at JNTUH, kukatpally on 21<sup>st</sup> December-2015.

- Attended a Two week National level work shop on “Big Data Analytics” at JNTU College of Engineering -Jagityala from 14<sup>th</sup> December to 20<sup>th</sup> December-2015.
- Attended a One week workshop on “Cloud Computing” at GNITS from 1<sup>st</sup> December to 7<sup>th</sup> December-2015.
- Participated in a two week ISTE workshop on “Database Management Systems” conducted by IIT-Bombay from 21<sup>st</sup> to 31<sup>st</sup> may -2013
- Undergone a “Blue Mix Enablement session” at MLRIT on 28<sup>th</sup> July 2015.
- Attended two days workshop on “Faculty Development Programme”, at CMRCET, Hyderabad.
- Attended a Pre-conference workshop on “Advanced computing and pattern recognition 2014 (ACPR-14) held on 7<sup>th</sup> January 2014 at JNTU college of Engineering Jagityala.
- Attended a Two day Faculty Development Programme on “Effective Teaching Methodology”, on 27<sup>th</sup> & 28<sup>th</sup> June-2013, conducted by ISTE AP section & St. Peter’s Engineering College.
- Participated in Faculty Development Program on “Research Issues & Methodologies in Computer Science & Engineering” from 4<sup>th</sup> to 5<sup>th</sup> October, 2013.
- Participated in the Two day National workshop on “Rough Sets and Knowledge Technologies” held during 10<sup>th</sup> & 11<sup>th</sup> November-2013 at JNTUH, Hyderabad under TEQUIP-II in collaboration with ISRS.
- Co-Ordinated and Participated in a Two day Workshop on “Research Methodology” held during 3<sup>rd</sup> & 4<sup>th</sup> December-2013 at St. Peter’s Engineering College.
- Completed the course work on “Research Methodology” conducted by JNTUH, Hyderabad from 16<sup>th</sup> January to 21<sup>st</sup> January-2012 at JNTUH-campus
- Participated in Two day national workshop on “Speech Processing” organized by “Mahatma Gandhi Institute of Technology” Gandipet, during period 17-18 February 2012.
- Actively participated in Two day workshop on “Expert-led Technical session on Android Applications Hands-on” held on 7<sup>th</sup> & 8<sup>th</sup> September-2012
- Participated in a Two day ISTE workshop on “Aakash for Education” conducted by IIT-Bombay, during 10<sup>th</sup> & 11<sup>th</sup> November-2012
- Participated in Faculty Enablement Programme on J2EE Stream held at Hyderabad, from 21<sup>st</sup> January to 25<sup>th</sup> January 2008 organized by Infosys Technologies Limited for IEG, JNTU, Rajiv Udyogasri
- Attended a four days workshop on “IT –WORKSHOP” conducted by Dept of CSE, Malla Reddy College of Engineering and Technology, Dhullapally, from 19<sup>th</sup> to 22<sup>nd</sup> October 2005.
- Attended International Conference at SPEC from 25<sup>th</sup>-27<sup>th</sup> October-2016

## **5. Academic Contribution and Research & Consultancy:**

### 5.1. Invited Lectures:

S.No.	Title of Lecture/ Academic Session	Title of Conference / Seminar etc	Organized by
1	C and Data Structures	One week training program conducted for III.B.Tech Mechanical students	T&P, VNRVJIET
2	Python Programming	One week training program conducted for I.B.Tech IT students	Department of It, VNRVJIET
1	Ethical Hacking	One day Seminar On "Ethical hacking"	Dept.of.CSE, St.Peters Engineering College
2	Parsing for the beginners	One day Seminar On "Parsing" 19 <sup>th</sup> & 20 <sup>th</sup> March, 2014	Dept.of CSE, JBREC, Hyderabad
3	Software Testing Methodologies	A two day workshop On testing Methodologies 12 <sup>th</sup> -13 <sup>th</sup> December-2013	Dept.of.CSE, St.Peters Engineering College

5.2. Articles/Chapters published in Books: 01

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 35

b) PG: 18

5.5. Research Interests: Natural Language Processing, Machine learning, Speech processing

5.6. Ph.D students:

a) Enrolled: 01

b) Submitted: Nil

c) Awarded: Nil

### 5.7. Papers published in reviewed Journals:

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	National/International
1	"Improving Telugu dependency parsing using Combinatory Categorical Grammar supertags", Vol. 14, No. 1, Article No. 3, January 2015 pp:3.1-3.10,	ACM Transactions on Asian and Low-Resource Language Information Processing <b>ACM-TALLIP</b>	ISSN(ACM): 2375-4699	Peer reviewed, <b>Impact Factor: 3.585</b>	One(01)	<b>Main Author</b>	International
2	Telugu dependency parsing using different statistical parsers	<b>Elsevier JKS-CIS</b> Journal of King Saud University –Computer Science & Information	<b>ISSN(Elsevier):</b> ISSN: 1319-1578	<b>Peer reviewed</b> Impact Factor- <b>1.783</b>	<b>One(1)</b>	<b>Main Author</b>	International
3	Improving the usability	International Journal of	1. vol	Peer reviewed	<b>One(1)</b>	<b>Main</b>	

	of statistical parsers by incorporating linguistic constraints Pg no: 102-105	Electronics Communication & Computer Engineering	4, Issue(6)	Impact Factor- <b>2.7</b>		<b>author</b>	
4	Improving Indian Language Dependency Parsing by Combining Transition-based and Graph-based parsers, Vol. 115, Issue- No. 5, April 2015, pp. 13-17	International Journal of Computer Applications (IJCA),	ISSN: 0975 – 8887	Peer reviewed, Impact Factor: <b>3.12</b>	One(01)	<b>Main Author</b>	International
5	Introducing a security system for public auditing in public cloud storage Pg no: 602-608	International Journal for Research on Electronics and Computer Science IJRECS	. Vol 1, issue2 , May-2014 .	Peer reviewed, Impact Factor: <b>1.925</b>	One(1)	Co-Author	International
6	A Hybrid Parsing Approach for Telugu Dependency Parsing, Vol. 5, Issue 9, Sept. 2015, pp:664-668	International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE),	ISSN: 2277 128X,	peer reviewed <u>Impact Factor:</u> <b>2.5</b>	One(01)	<b>Main Author</b>	International
7	Improved case secured routing using qos using s-dsr In mobile ad-hoc networks Issue3, Vol3, series1 pg n	-International Journal of Computer Science information and Engg., Technologies	ISSN 2277 -4408	Peer reviewed, Impact Factor: <b>3.765</b>	Three(03)	Co-author	International
8	A Method for Developing Wireless Sensor networks for Generalized Packet Arrival. Pg no:5087-5091	International Journal of Reviews on Recent Electronoics and Computer Science	ISSN2321-5461	Peer reviewed, Impact Factor: <b>1.53</b>	One(01)	Co-Author	International
9	An Effective Scheme for Managing Data Privacy in Access Control System. Pg No:5124-5129	International Journal of Reviews on Recent Electronoics and Computer Science	ISSN 2321-5461	Peer reviewed, Impact Factor: <b>1.53</b>	One(01)	Co-Author	International
10	Two Approaches for Incorporating Linguistic Constraints to Improve the Usability of Telugu Dependency Parser Vol. 3, No. 2, 2016	International Journal of Applied Patttern Recognition	ISSN 2049-8888	Peer reviewed Impact factor:- <b>2.5</b>	One(01)	Co-Author	International
11	3d Point Cloud Data Over X3dom	International Journal of Reviews on Recent	ISSN 2321-5461	Peer reviewed <b>1.7</b>	One(1)	Co-author	International

	Pg no:1268-1275	Electronic and Computer Science					al
12	Optimum Client – Server Appointment for Cyber world Disseminated Systems Pg no:-1091-1095	International Journal Research on Electronics and Computer Science	ISSN-2321-5784	Peer reviewed <b>1.7</b>	One(1)	Co-author	Inter national
13	Query planning internally over a network through data aggregators Pg no:1320-1327	International Journal of Reviews on Recent Electronic and Computer Science	ISSN 2321 - 5461	Peer reviewed	One(1)	Co-Author	Inter national
14	Keen Crawler: A Novel Two-Stage Crawler Framework for Searching the Hidden-Web Resources	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	ISSN:- 2394-3785 Vol. 4, Special Issue 2, January 2017	Peer reviewed	One(1)	Co-Author	Inter national
15	An Improved named entity recognition using tweet topic segmentation and its application	International Journal of Advanced Research Trends in Engineering and Technology Vol. 4, Special Issue 2, January 2017	ISSN:- 2394-3785 Vol. 4, Special Issue 2, January 2017	Peer reviewed	One(1)	Co-Author	Inter national
16	Optimized Task Scheduling for Cloud computing Using PSO and GA	International Journal of recent technologyand engineering(IJRTE)	ISSN :- 2277-3878 Vol:- 8,issue- 2S4,pg no;608-611	SCOPUS	Three(3)	Main author	Inter national
17	Exploring different approaches for parsing telugu	AMLTA-2019 AISC(springer)	Vol:921 ISSN 2194-5365 pp-546-555	SCOPUS	Four(4)	Main author	Inter national
18	Secure location and content Sharing in OSN	International Journal of Advanced Science and technology	Vol. 29,No.02(2020),pp-2292-2298	SCOPUS	One(1)	Co-author	Inter national

#### 5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
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1	Developing Telugu CCG Resources from the Dependency Treebank. pg :212-217	Springer-The 2015 Pacific Association for Computational Linguistics(PACLING 2015) 19 <sup>th</sup> -21 <sup>st</sup> May, 2015	International ISBN: 978-3-319-29589-3	19 <sup>th</sup> -21 <sup>st</sup> May 2015
2	Exploring different statistical parsers for parsing Telugu pg: 41-46	The 2015 Pacific Association for Computational Linguistics(PACLING 2015)	International ISBN: 978-3-319-29589-3	19 <sup>th</sup> -21 <sup>st</sup> May, 2015
3	Combining Malt & MST for Telugu dependency parsing Pg no:145-149	National Conference on Advanced Computing and Pattern Recognition-2014(ACPR-14)	<b>National</b> ISBN:9789383038176	8 <sup>th</sup> -9 <sup>th</sup> January-2014
4	Exploring transition-based and graph-based parsers for Telugu Dependency Parsing Pg no:-	First International Conference on Rough Sets and Knowledge Technologies (ICRSKT-2014)	International ISBN-9789351072980	9 <sup>th</sup> -11 <sup>th</sup> Nov, 2014
5	Improving the usability of Statistical Parsers by incorporating linguistic constraints. Pg no:-	NCRTCST-2013 Hyderabad.	National ISBN- 978-81-923249-0-6	15 <sup>th</sup> -16 <sup>th</sup> November 2013 One(1)
6	Hindi Dependency parsing using combined model of MALT and MST. Pg no-171-178	COLING 2012 MTPIL workshop, Mumbai.		14 <sup>th</sup> -15 <sup>th</sup> December 2012 One(1)
7	Using linguistics constraints for improving the usability of Bangla dependency Parser	International Conference on Recent trends in Engineering, Science & Technology ICRTEST-2015	International	25 <sup>th</sup> -27 <sup>th</sup> October-2015

#### 5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects:-Completed “Crowd sourcing Project” of III-T,Hyderabad from March-2021 to August 2021

#### 6. Awards / Honors received:

- ❖ Got Second Prize at School(in S.S.C results)
- ❖ Won Second Prize in elocution on the topic “Dowry System” in Diploma.
- ❖ Won District level Debate competition in Diploma .
- ❖ Underwent training conducted by Dakshina Bharata Hindi Prachar Sabha for four years in high school and was finally awarded “RASHTRA BHASHA PRAVEENA”.

❖ Selected for “**TCS company**” in campus interviews during M.Tech in JNTUH

**7. Motto:** Believe in God and Believe in yourself